

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(Currently Amended)** A mobile communication system comprising:
a radio base station controller for performing at least a radio ~~line~~ link control and a resource control for a radio base station, and at least a radio ~~line~~ link control, a resource control and a bearer control for a mobile terminal,
wherein said radio base station controller comprises control means for controlling a communication quality between said radio base station and said mobile terminal on the basis of information regarding the amount of interference from said radio base station, the information being based on a comparison result between a value of a radio quality and preset thresholds including a first threshold, a second threshold and a third threshold, and
wherein the mobile communication system comprises a bearer quality control part, said bearer quality control part updating a quality of a corresponding bearer when said control means of the radio base station controller determines a change in the communication quality between said radio base station and said mobile terminal.
2. **(Previously Presented)** The mobile communication system according to claim 1, wherein said radio base station comprises means for measuring the radio quality between said mobile terminal and it, and means for notifying the information regarding said amount of interference.
3. **(Original)** The mobile communication system according to claim 1, wherein said control means makes the communication by maximizing said communication quality when said amount of interference is small, and requests either said radio base station or said mobile terminal to degrade said communication quality when said amount of interference is large.
4. **(Currently Amended)** A mobile communication system comprising a radio base station controller for performing at least a radio ~~line~~ link control and a resource control for a radio

base station, and at least a radio ~~time~~ link control, a resource control and a bearer control for a mobile terminal,

wherein said radio base station controller comprises control means for controlling a communication quality between said radio base station and said mobile terminal on the basis of information regarding the amount of interference from said radio base station,

wherein the mobile communication system comprises a bearer quality control part,

wherein said control means ~~makes~~ enables the high quality communication by causing the bearer quality control part to increase maximizing a bearer required quality of said mobile terminal when said amount of interference is relatively small, and ~~requests~~ by causing the bearer quality control part to degrade said bearer required quality to a needed minimum level in the order from the mobile terminal of lower service class during communication when said amount of interference is larger due to an increased number of users.

5. (Currently Amended) The mobile communication system according to claim 1, wherein said bearer quality control part updates the quality of the corresponding bearer using a power control to change transmitting power in accordance with changes in the bearer required quality, and wherein the power control with of said communication quality is made in at least one of an uplink and a ~~downline~~ downlink between said radio base station and said mobile terminal.

6. (Currently Amended) A radio base station controller for performing at least a radio ~~time~~ link control and a resource control for a radio base station, and at least a radio ~~time~~ link control, a resource control and a bearer control for a mobile terminal,

wherein said radio base station controller comprises control means for controlling a communication quality between said radio base station and said mobile terminal on the basis of information regarding the amount of interference from said radio base station, the information being based on a comparison result between a value of a radio quality and preset thresholds including a first threshold, a second threshold and a third threshold, and

wherein the radio base station controller comprises a bearer quality control part, said bearer quality control part updating a quality of a corresponding bearer when said control means determines a change in the communication quality between said radio base station and said mobile terminal.

7. (Currently Amended) The radio base station controller according to claim 6, wherein said control means ~~makes~~ enables the communication by causing the bearer quality control part to increase ~~maximizing~~ said communication quality when said amount of interference is small, and ~~requests~~ by requesting the bearer quality control part to cause either said radio base station or said mobile terminal to degrade said communication quality when said amount of interference is large.

8. (Currently Amended) A radio base station controller for performing at least a radio ~~line~~ link control and a resource control for a radio base station, and at least a radio ~~line~~ link control, a resource control and a bearer control for a mobile terminal,

wherein said radio base station controller comprises a bearer quality control part and control means for controlling a communication quality between said radio base station and said mobile terminal on the basis of information regarding the amount of interference from said radio base station,

wherein said control means ~~makes~~ enables the high quality communication by causing the bearer quality control part to increase ~~maximizing~~ a bearer required quality of said mobile terminal when said amount of interference is relatively small, and ~~requests~~ by causing the bearer quality control part to degrade said bearer required quality to a needed minimum level in the order from the mobile terminal of lower service class during communication when said amount of interference is larger due to an increased number of users.

9. (Currently Amended) The radio base station controller according to claim 6, wherein said bearer quality control part updates the quality of the corresponding bearer using a power control to change transmitting power in accordance with changes in the bearer required quality, and wherein the power control with of said communication quality is made in at least one of an upline uplink and a ~~downline~~ downlink between said radio base station and said mobile terminal.

10. **(Currently Amended)** A transmitting and receiving power control method for use in a mobile communication system comprising a radio base station controller for performing at least a radio ~~line~~ link control and a resource control for a radio base station, and at least a radio ~~line~~ link control, a resource control and a bearer control for a mobile terminal, said method comprising, on the side of said radio base station controller,

a step of controlling a communication quality between said radio base station and said mobile terminal on the basis of information regarding the amount of interference from said radio base station, the information being based on a comparison result between a value of a radio quality and preset thresholds including a first threshold, a second threshold and a third threshold, the step of controlling the communication quality further comprising using a bearer quality control to update a quality of a corresponding bearer when a change in the communication quality between said radio base station and said mobile terminal is determined.

11. **(Previously Presented)** The transmitting and receiving power control method according to claim 10, wherein said method comprises a step of measuring the radio quality between said mobile terminal and said radio base station, and a step of notifying the information regarding said amount of interference.

12. **(Currently Amended)** The transmitting and receiving power control method according to claim 10, wherein said step of controlling the communication quality comprises ~~making~~ enabling the communication by causing the bearer quality control to increase ~~maximizing~~ said communication quality when said amount of interference is small, and requesting the bearer quality control to cause either said radio base station or said mobile terminal to degrade said communication quality when said amount of interference is large.

13. **(Currently Amended)** A transmitting and receiving power control method for use in a mobile communication system comprising a radio base station controller for performing at least a radio ~~line~~ link control and a resource control for a radio base station, and at least a radio ~~line~~ link

control, a resource control and a bearer control for a mobile terminal, said method comprising, on the side of said radio base station controller,

a step of controlling a communication quality between said radio base station and said mobile terminal on the basis of information regarding the amount of interference from said radio base station, and

a step of updating a quality of a bearer using a bearer quality control when a change in the communication quality between said radio base station and said mobile terminal is determined;

wherein said step of controlling the communication quality comprises ~~making~~ enabling the high quality communication by causing the bearer quality control to increase ~~maximizing~~ a bearer required quality of said mobile terminal when said amount of interference is relatively small, and requesting the bearer quality control to degrade said bearer required quality to a needed minimum level in the order from the mobile terminal of lower service class during communication when said amount of interference is larger due to an increased number of users.

14. (Currently Amended) The transmitting and receiving power control method according to claim 10, wherein power control with said communication quality is made in at least one of an upline uplink and a ~~downline~~ downlink between said radio base station and said mobile terminal.